

## **AiPT SUMMER EVENT, 7 June 2023**

14:00-14:15 Welcome by AiPT Senior Management

### **AiPT HIGHLIGHTS – MB653:**

14:15-14:45 Laser Diode 2.0  
Prof Richard Hogg

14:45-15:00 Machine learning for intelligent photonics  
Assoc Prof Stelios Sygletos

15:00-15:15 Riding nonlinear waves: from instabilities to frequency combs and optical amplifiers  
Dr Auro Perego

15:15-15:30 The Great SNAP Pyramids- how we fabricate whispering gallery mode resonators on the surface of a capillary fibre with extra-ordinary precision  
Dr Gabriella Gardosi

15:30-15:45 Implementation of ultra low complexity channel equalizer for nonlinear mitigation: from training to hardware implementation  
Dr Pedro Freire

15:45-16:00 Lightning slides

### **AiPT OPEN LABS – MB LG FLOOR:**

16:00-18:00 Demonstrations and Poster Session

16:00-18:00 Coffee and refreshments

### **NETWORKING – CONFERENCE ASTON GARDEN**

18:00-20:00 BBQ, Wine tasting, Networking